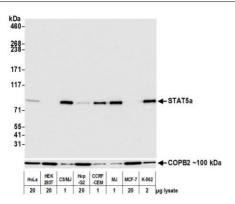
STAT5a Recombinant Monoclonal Antibody [BLR124H]

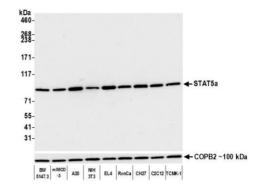
Rabbit Recombinant Monoclonal						
Purified			otein ID	NP_001275647.1		
Catalog No.	A700-	124–T Ge	nelD	6776	RETHVI	
Lot No.	A700-	124-T-1			LABORATORIES, INC	
APPLICATIONS WB, IP, IHC, ICC		WB, IP, IHC, ICC				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		10 µl (5+ tests)				
CONCENTRATION		100 μg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide				
ISOTYPE		IgG				
CLONE #		BLR124H				
ORIGIN		USA				
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.				
		Immunogen was a peptide representing a region between residue 744 and the C-terminus (residue 794) of human signal transducer and activator of transcription 5a using the numbering given in entry NP_001275647.1 (Gene ID 6776).				
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
		Western Blot	1:1	,000		
		Immunoprecipitatio	on 20	µl/1 mg lysate		
		Immunohistochemi		00 to 1:500. Epitope retrieval with citrate ommended for FFPE tissue sections.	e buffer pH6.0 is	
		Immunocytochemis		00 to 1:500. Epitope retrieval with citrate ommended for FFPE cell sections.	e buffer pH6.0 is	
CCRF		CCRF-CEM cells, K-	reast, Breast Carcinoma, Lymph Node, Melanoma, Testicular Seminoma, Tonsil, C5/MJ Cells, CRF-CEM cells, K–562 Cells, KG–1 Cells, MJ Cells			
IHC MOUSE CONTROLS		Spleen, RenCa Cells				
ADDITIONAL INFO		https://www.bethyl.com/product/A700-124-T Use the link above to view SDS, a current list of citations, and other product specific information.				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Brian McWilliams, PhD Date: December 1, 2020

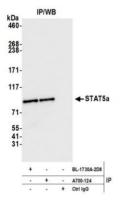
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Detection of human STAT5a by western blot. Samples: Whole cell lysate from HeLa, HEK293T, C5/MJ, Hep-G2, CCRF-CEM, MJ, MCF-7, and K-562 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 seconds.



Detection of mouse STAT5a by western blot. *Samples:* Whole cell lysate (10 µg) from BW5147.3, mIMCD-3, A20, NIH 3T3, EL4, RenCa, CH27, C2C12, and TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T lot 1) used at 1:1000. *Secondary:* HRPconjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds.

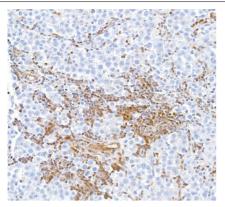


Detection of human STAT5a by western blot of

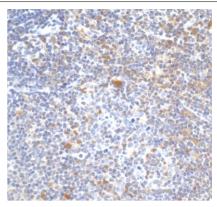
immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T lot 1) used for IP at 20 µl/mg lysate. STAT5a was also immunoprecipitated by rabbit anti-STAT5a antibody BL-1730A-2D8. For blotting immunoprecipitated STAT5a, A700-124 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.

Detection of human STAT5a in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

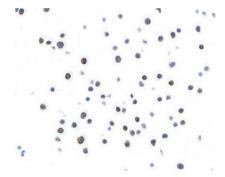
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Detection of human STAT5a in FFPE testicular seminoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of mouse STAT5a in FFPE spleen by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human STAT5a in FFPE CCRF-CEM cells by immunocytochemsitry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

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